ELSEVIER

Theoretical Computer Science 210 (1999) 377–383

Theoretical
Computer Science

Master index volumes 201–210

(For the sake of simplicity and uniformity, all names beginning with articles or prepositions are listed as if written as single words)

Aceto, L., W. Fokkink and A. Ingófsdóttir, On a question of A. Salomaa. The equational theory of regular expressions over a singleton alphabet is not finitely based 209 (1–2) (1998) 163–178

Akutsu, T. and S. Miyano, On the approximation of protein threading 210 (2) (1999) 261–275

Allender, E., J. Jiao, M. Mahajan and V. Vinay, Non-commutative arithmetic circuits: depth reduction and size lower bounds (*Fundamental Study*) 209 (1–2) (1998) 47–86

Amaldi, E. and V. Kann, On the approximability of minimizing nonzero variables or unsatisfied relations in linear systems 209 (1–2) (1998) 237–260

Andre, Y. and F. Bossut, On the equivalence problem for letter-to-letter top-down tree transducers 205 (1–2) (1998) 207–229

Andreev, A.E., A. Clementi, P. Crescenzi, E. Dahlhaus, S. De Agostino and J.D.P. Rolim, The parallel complexity of approximating the high degree subgraph problem 205 (1–2) (1998) 261–282

Apolloni, B. and C. Gentile, Sample size lower bounds in PAC learning by Algorithmic Complexity Theory 209 (1–2) (1998) 141–162

auf der Heide, F.M., *see* A. Bäumker 203 (2) (1998) 175–203

Ausiello, G. and A. Marchetti-Spaccamela, Foreword 203 (1) (1998) 1

Baier, H. and K.W. Wagner, Bounding queries in the analytic polynomial-time hierarchy 207 (1) (1998) 89–104

Balcázar, J.L. and M. Hermo, The structure of logarithmic advice complexity classes 207 (1) (1998) 217–244

Bäumker, A., W. Dittrich and F.M. auf der Heide, Truly efficient parallel algorithms: 1-optimal multisearch for an extension of the BSP model 203 (2) (1998) 175–203

Béal, M.-P. and J. Senellart, On the bound of the synchronization delay of a local automaton (*Note*) 205 (1–2) (1998) 297–306

Beaudry, M., Languages recognized by finite aperiodic groupoids 209 (1–2) (1998) 299–317

Béguin, P. and A. Cresti, General information dispersal algorithms 209 (1–2) (1998) 87–105

Beling, P.A. and N. Megiddo, Using fast matrix multiplication to find basic solutions (*Note*) 205 (1–2) (1998) 307–316

Bensaou, N. and I. Guessarian, Transforming constraint logic programs 206 (1–2) (1998) 81–125

Bernardo, M. and R. Gorrieri, A tutorial on EMPA: A theory of concurrent processes with nondeterminism, priorities, probabilities and time (*Tutorial*) 202 (1–2) (1998) 1–54

Bittar, E.T., *see* E.A. Cichon 201 (1–2) (1998) 63–84

Blanchard, F. and P. Kůrka, Language complexity of rotations and Sturmian sequences 209 (1–2) (1998) 179–193

Bodlaender, H.L., A partial *k*-arboretum of graphs with bounded treewidth (*Tutorial*) 209 (1–2) (1998) 1–45

Bollig, B., M. Sauerhoff, D. Sieling and I. Wegener, Hierarchy theorems for *k*OBDDs and *k*IBDDs 205 (1–2) (1998) 45–60

Bossut, F., *see* Y. Andre 205 (1–2) (1998) 207–229

Bournez, O., Achilles and the Tortoise climbing up the hyper-arithmetical hierarchy 210 (1) (1999) 21–71

Brandenburg, F.J., The ancestor width of grammars and languages 207 (1) (1998) 25–41

Brattka, V., Computable invariance 210 (1) (1999) 3–20

Elsevier Science B.V.

Breslauer, D., On competitive on-line paging with lookahead (*Note*) 209 (1–2) (1998) 365–375
Brönnimann, H., I.Z. Emiris, V.Y. Pan and S. Pion, Sign determination in residue number systems 210 (1) (1999) 173–197
Bruyère, V., On maximal codes with bounded synchronization delay 204 (1–2) (1998) 11–28
Brzoska, C., Programming in metric temporal logic (*Fundamental Study*) 202 (1–2) (1998) 55–125
Cai, J.-Y., A relation of primal–dual lattices and the complexity of shortest lattice vector problem 207 (1) (1998) 105–116
Cassaigne, J. and J. Karhumäki, Examples of undecidable problems for 2-generator matrix semigroups 204 (1–2) (1998) 29–34
Cattaneo, G. and L. Margara, Generalized sub-shifts in elementary cellular automata: the "strange case" of chaotic rule 180 201 (1–2) (1998) 171–187
Chaudhuri, S. and C.D. Zaroliagis, Shortest paths in digraphs of small treewidth. Part II: Optimal parallel algorithms 203 (2) (1998) 205–223
Chen, G.-H., *see* C.-W. Yu 205 (1–2) (1998) 85–98
Choffrut, C. and F. D'Alessandro, Commutativity in free inverse monoids 204 (1–2) (1998) 35–54
Chuan, W.-f., Unbordered factors of the characteristic sequences of irrational numbers (*Note*) 205 (1–2) (1998) 337–344
Chung, K.-L., An improved algorithm for solving the banded cyclic string-to-string correction problem (*Note*) 201 (1–2) (1998) 275–279
Cicerone, S., D. Frigioni, U. Nanni and F. Pugliese, A uniform approach to semi-dynamic problems on digraphs 203 (1) (1998) 69–90
Cichon, E.A. and E.T. Bittar, Ordinal recursive bounds for Higman's theorem 201 (1–2) (1998) 63–84
Clementi, A., *see* A.E. Andreev 205 (1–2) (1998) 261–282
Colbourn, C.J. and G. Xue, A linear time algorithm for computing the most reliable source on a series–parallel graph with unreliable edges 209 (1–2) (1998) 331–345
Colson, L. and D. Fredholm, System T, call-by-value and the minimum problem 206 (1–2) (1998) 301–315
Cori, R. and M. Marcus, Counting non-isomorphic chord diagrams 204 (1–2) (1998) 55–73
Cortesi, A., G. Filé and W. Winsborough, The quotient of an abstract interpretation 202 (1–2) (1998) 163–192
Crescenzi, P., *see* A.E. Andreev 205 (1–2) (1998) 261–282
Crescenzi, P. and P. Penna, Strictly-upward drawings of ordered search trees 203 (1) (1998) 51–67
Cresti, A., see P. Béguin 209 (1–2) (1998) 87–105
Csuhaj-Varjú, E. and A. Kelemenová, Team behaviour in eco-grammar systems 209 (1–2) (1998) 213–224
D'Alessandro, F., *see* C. Choffrut 204 (1–2) (1998) 35–54
Dahlhaus, E., *see* A.E. Andreev 205 (1–2) (1998) 261–282
de Luca, A., A conjecture on continued fractions 204 (1–2) (1998) 75–86
De Agostino, S., *see* A.E. Andreev 205 (1–2) (1998) 261–282
Dehornoy, P. and A. Marzouk, Theorem proving by chain resolution 206 (1–2) (1998) 163–180
Demange, M., P. Grisoni and V.Th. Paschos, Differential approximation algorithms for some combinatorial optimization problems 209 (1–2) (1998) 107–122
Diaz, J., M. Serna and P. Spirakis, On the random generation and counting of matchings in dense graphs (*Note*) 201 (1–2) (1998) 281–290
Diks, K. and T. Hagerup, More general parallel tree contraction: Register allocation and broadcasting in a tree 203 (1) (1998) 3–29
Diks, K. and A. Pelc, System diagnosis with smallest risk of error 203 (1) (1998) 163–173
Dittrich, W., *see* A. Bäumker 203 (2) (1998) 175–203
Downarowicz, T. and Y. Lacroix, Merit factors and Morse sequences (*Note*) 209 (1–2) (1998) 377–387
Downey, R.G. and M.R. Fellows, Threshold dominating sets and an improved characterization of $W[2]$ 209 (1–2) (1998) 123–140
Drangmeister, K.U., S.O. Krumke, M.V. Marathe, H. Noltemeier and S.S Ravi, Modifying edges of a network to obtain short subgraphs 203 (1) (1998) 91–121
Du, X., W. Wu and D.F. Kelley, Approximations for subset interconnection designs 207 (1) (1998) 171–180
Dubhashi, D., D.A. Grable and A. Panconesi, Near-optimal, distributed edge colouring via the nibble method 203 (2) (1998) 225–251

Duggan, D., Unification with extended patterns (*Fundamental Study*) 206 (1–2) (1998) 1–50
Durand-Lose, J.O., Parallel transient time of one-dimensional sand pile 205 (1–2) (1998) 183–193
Duval, J.-P., Périodes locales et propagation de périodes dans un mot 204 (1–2) (1998) 87–98
Edalat, A. and P. Sünderhauf, A domain-theoretic approach to computability on the real line 210 (1) (1999) 73–98
Ehrenfeucht, A., G. Păun and G. Rozenberg, On representing recursively enumerable languages by internal contextual languages 205 (1–2) (1998) 61–83
Eiter, T., N. Leone and D. Saccá, Expressive power and complexity of partial models for disjunctive deductive databases 206 (1–2) (1998) 181–218
Emiris, I.Z., *see* H. Brönnimann 210 (1) (1999) 173–197
Escardó, M.H. and T. Streicher, Induction and recursion on the partial real line with applications to Real PCF 210 (1) (1999) 121–157
Etalle, S., A semantics for modular general logic programs (*Fundamental Study*) 206 (1–2) (1998) 51–80
Even, S., G. Itkis and S. Rajsbaum, On mixed connectivity certificates 203 (2) (1998) 253–269
Felder, M., A. Gargantini and A. Morzenti, A theory of implementation and refinement in timed Petri nets 202 (1–2) (1998) 127–161
Fellows, M.R., *see* R.G. Downey 209 (1–2) (1998) 123–140
Ferragina, P., R. Grossi and M. Montangero, On updating suffix tree labels (*Note*) 201 (1–2) (1998) 249–262
Ferretti, C., *see* Y. Sakakibara 210 (2) (1999) 227–243
Filé, G., *see* A. Cortesi 202 (1–2) (1998) 163–192
Flammini, M., G. Gambosi, U. Nanni and R.B. Tan, Multidimensional interval routing schemes 205 (1–2) (1998) 115–133
Flasiński, M., Power properties of NLC graph grammars with a polynomial membership problem 201 (1–2) (1998) 189–231
Fokkink, W., *see* L. Aceto 209 (1–2) (1998) 163–178
Fraenkel, A.S. and M. Ozery, Adjoining to Wythoff's game its *P*-positions as moves (*Mathematical Games*) 205 (1–2) (1998) 283–296
Fredholm, D., *see* L. Colson 206 (1–2) (1998) 301–315
Frigioni, D., *see* S. Cicerone 203 (1) (1998) 69–90
Gambosi, G., *see* M. Flammini 205 (1–2) (1998) 115–133
Ganzinger, H., Preface 208 (1–2) (1998) 1
Gargano, L. and A.A. Rescigno, Communication complexity of fault-tolerant information diffusion 209 (1–2) (1998) 195–211
Gargantini, A., *see* M. Felder 202 (1–2) (1998) 127–161
Ge, Y., *see* J. Wang 207 (1) (1998) 203–216
Gentile, C., *see* B. Apolloni 209 (1–2) (1998) 141–162
Giammarresi, D., S. Mantaci, F. Mignosi and A. Restivo, Periodicities on trees 205 (1–2) (1998) 145–181
Golin, M. and S. Zaks, Labelled trees and pairs of input–output permutations in priority queues 205 (1–2) (1998) 99–114
Goralcik, P. and V. Koubek, On the disjunctive set problem 204 (1–2) (1998) 99–118
Gorbunov, K.Yu., On a complexity of the formula $(A \vee B) \Rightarrow C$ 207 (2) (1998) 383–386
Gorrieri, R., *see* M. Bernardo 202 (1–2) (1998) 1–54
Grable, D.A., *see* D. Dubhashi 203 (2) (1998) 225–251
Grisoni, P., *see* M. Demange 209 (1–2) (1998) 107–122
Grossi, R., *see* P. Ferragina 201 (1–2) (1998) 249–262
Gu, Q.-P., S. Peng and H. Sudborough, A 2-approximation algorithm for genome rearrangements by reversals and transpositions 210 (2) (1999) 327–339
Guessarian, I., *see* N. Bensaou 206 (1–2) (1998) 81–125
Gustedt, J., Efficient Union-Find for planar graphs and other sparse graph classes 203 (1) (1998) 123–141
Hagerup, T., *see* K. Diks 203 (1) (1998) 3–29
Hansel, G., Systèmes de numération indépendants et syndéticité 204 (1–2) (1998) 119–130
Hartmann, S., M.W. Schäffter and A.S. Schulz, Switchbox routing in VLSI design: Closing the complexity gap 203 (1) (1998) 31–49
Hartonas, C., Duality for modal μ-logics 202 (1–2) (1998) 193–222

Hasegawa, A., *see* Y. Uemura 210 (2) (1999) 277–303
Hashimoto, A., *see* H. Matsuda 210 (2) (1999) 305–325
Hemaspaandra, L.A., Z. Jiang, J. Rothe and O. Watanabe, Boolean operations, joins, and the extended low hierarchy (*Note*) 205 (1–2) (1998) 317–327
Hermo, M., *see* J.L. Balcázar 207 (1) (1998) 217–244
Hirokawa, S., Infiniteness of proof(α) is polynomial-space complete (*Note*) 206 (1–2) (1998) 331–339
Ho, C.-K., Relatively recursive reals and real functions 210 (1) (1999) 99–120
Ikeda, T. and H. Imai, Enhanced A* algorithms for multiple alignments: optimal alignments for several sequences and *k*-opt approximate alignments for large cases 210 (2) (1999) 341–374
Ilie, L. and A. Salomaa, On well quasi orders of free monoids 204 (1–2) (1998) 131–152
Imai, H., *see* T. Ikeda 210 (2) (1999) 341–374
Ingólfsdóttir, A., *see* L. Aceto 209 (1–2) (1998) 163–178
Ishihara, T., *see* H. Matsuda 210 (2) (1999) 305–325
Itkis, G., *see* S. Even 203 (2) (1998) 253–269
Jacquet, P. and W. Szpankowski, Analytical depoissonization and its applications (*Fundamental Study*) 201 (1–2) (1998) 1–62
Jiang, Z., *see* L.A. Hemaspaandra 205 (1–2) (1998) 317–327
Jiao, J., *see* E. Allender 209 (1–2) (1998) 47–86
Jouannaud, J.-P. and A. Rubio, Rewrite orderings for higher-order terms in η-long β-normal form and the recursive path ordering 208 (1–2) (1998) 33–58
Kann, V., *see* E. Amaldi 209 (1–2) (1998) 237–260
Karhumäki, J., *see* J. Cassaigne 204 (1–2) (1998) 29–34
Karpinski, M. and W. Rytter, Alphabet-independent optimal parallel search for three-dimensional patterns 205 (1–2) (1998) 243–260
Kawaguchi, K., *see* K. Wada 201 (1–2) (1998) 233–248
Kelemenová, A., *see* E. Csuhaj-Varjú 209 (1–2) (1998) 213–224
Kelley, D.F., *see* X. Du 207 (1) (1998) 171–180
Kobayashi, S., *see* Y. Uemura 210 (2) (1999) 277–303
Koiran, P. and C. Moore, Closed-form analytic maps in one and two dimensions can simulate universal Turing machines 210 (1) (1999) 217–223
Kolmogorov, A.N., On tables of random numbers 207 (2) (1998) 387–395
Koubek, V., *see* P. Goralcik 204 (1–2) (1998) 99–118
Kranakis, E., D. Krizanc, A. Pelc and D. Peleg, Approximate maxima finding of continuous functions under restricted budget 203 (1) (1998) 151–162
Krishna Rao, M.R.K., Modular aspects of term graph rewriting 208 (1–2) (1998) 59–86
Krizanc, D., *see* E. Kranakis 203 (1) (1998) 151–162
Krumke, S.O., *see* K.U. Drangmeister 203 (1) (1998) 91–121
Kůrka, P., *see* F. Blanchard 209 (1–2) (1998) 179–193
Kurose, Y., *see* S. Yamasaki 206 (1–2) (1998) 257–281
Lacroix, Y., *see* T. Downarowicz 209 (1–2) (1998) 377–387
Lam, T.W. and K.H. Lee, An improved scheme for set equality testing and updating 201 (1–2) (1998) 85–97
Lamport, L., Proving possibility properties (*Note*) 206 (1–2) (1998) 341–352
Lee, K.H., *see* T.W. Lam 201 (1–2) (1998) 85–97
Leone, N., *see* T. Eiter 206 (1–2) (1998) 181–218
Levene, M. and G. Loizou, Axiomatisation of functional dependencies in incomplete relations 206 (1–2) (1998) 283–300
Lin, G.-H. and G. Xue, *K*-center and *K*-median problems in graded distances 207 (1) (1998) 181–192
Liu, X. and D. Walker, Partial confluence of processes and systems of objects 206 (1–2) (1998) 127–162
Loader, R., Unary PCF is decidable 206 (1–2) (1998) 317–329
Loizou, G., *see* M. Levene 206 (1–2) (1998) 283–300
López-Muñoz, J., *see* G. Ramos-Jiménez 202 (1–2) (1998) 231–244
Lorentz, A.K. and J.H. Lutz, Genericity and randomness over feasible probability measures 207 (1) (1998) 245–259
Lutz, J.H., *see* A.K. Lorentz 207 (1) (1998) 245–259

Ma, T.-H., *see* C.-W. Yu 205 (1–2) (1998) 85–98
Macarie, I.I. and M. Ogihara, Properties of probabilistic pushdown automata 207 (1) (1998) 117–130
Madlener, K. and B. Reinert, Relating rewriting techniques on monoids and rings: congruences on monoids and ideals in monoid rings 208 (1–2) (1998) 3–31
Mahajan, M., *see* E. Allender 209 (1–2) (1998) 47–86
Malesińska, E. and A. Panconesi, On the hardness of allocating frequencies for hybrid networks 209 (1–2) (1998) 347–363
Mantaci, S., *see* D. Giammarresi 205 (1–2) (1998) 145–181
Marathe, M.V., *see* K.U. Drangmeister 203 (1) (1998) 91–121
Marchetti-Spaccamela, A., *see* G. Ausiello 203 (1) (1998) 1
Marcus, M., *see* R. Cori 204 (1–2) (1998) 55–73
Margara, L., *see* G. Cattaneo 201 (1–2) (1998) 171–187
Martin-Vide, C., G. Păun and A. Salomaa, Characterizations of recursively enumerable languages by means of insertion grammars 205 (1–2) (1998) 195–205
Marzouk, A., *see* P. Dehornoy 206 (1–2) (1998) 163–180
Matsuda, H., T. Ishihara and A. Hashimoto, Classifying molecular sequences using a linkage graph with their pairwise similarities 210 (2) (1999) 305–325
McNaughton, R., The finiteness of finitely presented monoids 204 (1–2) (1998) 169–182
McNaughton, R., Contributions of Ronald V. Book to the theory of string-rewriting systems 207 (1) (1998) 13–23
Megiddo, N., *see* P.A. Beling 205 (1–2) (1998) 307–316
Mignosi, F., *see* D. Giammarresi 205 (1–2) (1998) 145–181
Mignosi, F., A. Restivo and S. Salemi, Periodicity and the golden ratio 204 (1–2) (1998) 153–167
Miyano, S., *see* T. Akutsu 210 (2) (1999) 261–275
Montangero, M., *see* P. Ferragina 201 (1–2) (1998) 249–262
Moore, C., *see* P. Koiran 210 (1) (1999) 217–223
Moore, C., Dynamical recognizers: real-time language recognition by analog computers 201 (1–2) (1998) 99–136
Morales-Bueno, R., *see* G. Ramos-Jiménez 202 (1–2) (1998) 231–244
Morzenti, A., *see* M. Felder 202 (1–2) (1998) 127–161
Muchnik, An.A., On common information 207 (2) 319–328
Muchnik, A.A., A.L. Semenov and V.A. Uspensky, Mathematical metaphysics of randomness 207 (2) (1998) 263–317
Naik, A.V., J.D. Rogers, J.S. Royer and A.L. Selman, A hierarchy based on output multiplicity 207 (1) (1998) 131–157
Nanni, U., *see* S. Cicerone 203 (1) (1998) 69–90
Nanni, U., *see* M. Flammini 205 (1–2) (1998) 115–133
Noltemeier, H., *see* K.U. Drangmeister 203 (1) (1998) 91–121
Ogihara, M., *see* I.I. Macarie 207 (1) (1998) 117–130
Otto, F., Some undecidability results concerning the property of preserving regularity 207 (1) (1998) 43–72
Ozery, M., *see* A.S. Fraenkel 205 (1–2) (1998) 282–296
Pan, V.Y., *see* H. Brönnimann 210 (1) (1999) 173–197
Panconesi, A., *see* E. Malesińska 209 (1–2) (1998) 347–363
Panconesi, A., *see* D. Dubhashi 203 (2) (1998) 225–251
Park, K., Analysis of two-dimensional approximate pattern matching algorithms (*Note*) 201 (1–2) (1998) 263–273
Paschos, V.Th., *see* M. Demange 209 (1–2) (1998) 107–122
Păun, G. and G. Rozenberg, Sticker systems 204 (1–2) (1998) 183–203
Păun, G., *see* A. Ehrenfeucht 205 (1–2) (1998) 61–83
Păun, G., *see* C. Martin-Vide 205 (1–2) (1998) 195–205
Pelc, A., *see* K. Diks 203 (1) (1998) 163–173
Pelc, A., *see* E. Kranakis 203 (1) (1998) 151–162
Peleg, D., *see* E. Kranakis 203 (1) (1998) 151–162
Peng, S., *see* Q.-P. Gu 210 (2) (1999) 327–339
Penna, P., *see* P. Crescenzi 203 (1) (1998) 51–67

Perrier, G., Corrigendum to "On proof normalization in linear logic" [Theoret. Comput. Sci 135(1) (1994) 67–110] (*Corrigendum*) 206 (1–2) (1998) 353–354
Perrin, D., Preface 204 (1–2) (1998) 1
Pion, S., *see* H. Brönnimann 210 (1) (1999) 173–197
Portier, N., Résolutions universelles pour des proble]mes NP-complets 201 (1–2) (1998) 137–150
Priese, L. and H. Wimmel, A uniform approach to true-concurrency and interleaving semantics for Petri nets 206 (1–2) (1998) 219–256
Pugliese, F., *see* S. Cicerone 203 (1) (1998) 69–90
Rajsbaum, S., *see* S. Even 203 (2) (1998) 253–269
Ramos-Jiménez, G., J. López-Muñoz and R. Morales-Bueno, Comparisons of Parikh's condition to other conditions for context-free languages (*Note*) 202 (1–2) (1998) 231–244
Ravi, S.S., *see* K.U. Drangmeister 203 (1) (1998) 91–121
Reinert, B., *see* K. Madlener 208 (1–2) (1998) 3–31
Rescigno, A.A., *see* L. Gargano 209 (1–2) (1998) 195–211
Restivo, A., *see* D. Giammarresi 205 (1–2) (1998) 145–181
Restivo, A., *see* F. Mignosi 204 (1–2) (1998) 153–167
Rogers, J.D., *see* A.V. Naik 207 (1) (1998) 131–157
Rolim, J.D.P., *see* A.E. Andreev 205 (1–2) (1998) 261–282
Rössner, C. and J.-P. Seifert, On the hardness of approximating shortest integer relations among rational numbers 209 (1–2) (1998) 287–297
Rosaz, L., Inventories of unavoidable languages and the word-extension conjecture 201 (1–2) (1998) 151–170
Rothe, J., *see* L.A. Hemaspaandra 205 (1–2) (1998) 317–327
Royer, J.S., *see* A.V. Naik 207 (1) (1998) 131–157
Rozenberg, G., *see* A. Ehrenfeucht 205 (1–2) (1998) 61–83
Rozenberg, G., *see* G. Păun 204 (1–2) (1998) 183–203
Rubio, A., *see* J.-P. Jouannaud 208 (1–2) (1998) 33–58
Rytter, W., *see* M. Karpinski 205 (1–2) (1998) 243–260
Saccá, D., *see* T. Eiter 206 (1–2) (1998) 181–218
Safer, T., Polygonal radix representations of complex numbers 210 (1) (1999) 159–171
Sakai, M. and Y. Toyama, Semantics and strong sequentiality of priority term rewriting systems 208 (1–2) (1998) 87–110
Sakakibara, Y. and C. Ferretti, Splicing and tree-like structures 210 (2) (1999) 227–243
Sakarovitch, J., A construction on finite automata that has remained hidden 204 (1–2) (1998) 205–231
Salemi, S., *see* F. Mignosi 204 (1–2) (1998) 153–167
Salomaa, A., *see* C. Martin-Vide 205 (1–2) (1998) 195–205
Salomaa, A., *see* L. Ilie 204 (1–2) (1998) 131–152
Salomaa, K. and S. Yu, Synchronization expressions with extended join operation 207 (1) (1998) 73–88
Sato, T., Ergodic characterization of linear cellular automata over Z_m 205 (1–2) (1998) 135–144
Sauerhoff, M., *see* B. Bollig 205 (1–2) (1998) 45–60
Schäffter, M.W., *see* S. Hartmann 203 (1) (1998) 31–49
Schmidt-Schauß, M., A decision algorithm for distributive unification 208 (1–2) (1998) 111–148
Schulz, A.S., *see* S. Hartmann 203 (1) (1998) 31–49
Schupp, P.E., On the structure of Hamiltonian cycles in Cayley graphs of finite quotients of the modular group 204 (1–2) (1998) 233–248
Seifert, J.-P., *see* C. Rössner 209 (1–2) (1998) 287–297
Selmann, A.L., *see* A.V. Naik 207 (1) (1998) 131–157
Semenov, A.L., *see* A.A. Muchnik 207 (2) (1998) 263–317
Semenov, A., Preface 207 (2) (1998) 261
Senellart, J., *see* M.-P. Béal 205 (1–2) (1998) 297–306
Sengupta, R. and H. Venkateswaran, A lower bound for monotone arithmetic circuits computing 0–1 permanent (*Note*) 209 (1–2) (1999) 389–398
Serna, M., *see* J. Diaz 201 (1–2) (1998) 281–290
Shimozono, S., Alphabet indexing for approximating features of symbols 210 (2) (1999) 245–260
Sieling, D., *see* B. Bollig 205 (1–2) (1998) 45–60

Spirakis, P., *see* J. Diaz 201 (1–2) (1998) 281–290
Steinby, M., General varieties of tree languages (*Fundamental Study*) 205 (1–2) (1998) 1–43
Streicher, T., *see* M.H. Escardó 210 (1) (1999) 121–157
Stuber, J., Superposition theorem proving for abelian groups represented as integer modules 208 (1–2) (1998) 149–177
Sudborough, H., *see* Q.-P. Gu 210 (2) (1999) 327–339
Szpankowski, W., *see* P. Jacquet 201 (1–2) (1998) 281–290
Sünderhauf, P., *see* A. Edalat 210 (1) (1999) 73–98
Takaki, A., *see* K. Wada 201 (1–2) (1998) 233–248
Takaoka, T., Shortest path algorithms for nearly acyclic directed graphs 203 (1) (1998) 143–150
Tan, R.B., *see* M. Flammini 205 (1–2) (1998) 115–133
Toyama, Y., *see* M. Sakai 208 (1–2) (1998) 87–110
Treinen, R., The first-order theory of linear one-step rewriting is undecidable 208 (1–2) (1998) 179–190
Uemura, Y., A. Hasegawa, S. Kobayashi and T. Yokomori, Tree adjoining grammars for RNA structure prediction 210 (2) (1999) 277–303
Uspensky, V.A., *see* A.A. Muchnik 207 (2) (1998) 263–317
van Breugel, F., Terminal metric spaces of finitely branching and image finite linear processes (*Note*) 202 (1–2) (1998) 223–230
van der Hoeven, J., Fast evaluation of holonomic functions 210 (1) (1999) 199–215
Vaszil, G., On simulating non-returning PC grammar systems with returning systems 209 (1–2) (1998) 319–329
Venkateswaran, H., *see* R. Sengupta 209 (1–2) (1998) 389–398
Vereshchagin, Randomized Boolean decision trees: Several remarks 207 (2) (1998) 329–342
Vinay, V., *see* E. Allender 209 (1–2) (1998) 47–86
Vollmer, H., Relating polynomial time to constant depth 207 (1) (1998) 159–170
Vuillon, L., Combinatoire des motifs d'une suite sturmienne bidimensionnelle 209 (1–2) (1998) 261–285
V'yugin, V.V., Non-stochastic infinite and finite sequences 207 (2) (1998) 363–382
V'yugin, V.V., Ergodic theorems for individual random sequences 207 (2) (1998) 343–361
Wada, K., A. Takaki and K. Kawaguchi, Efficient algorithms for a mixed k-partition problem of graphs without specifying bases 201 (1–2) (1998) 233–248
Wagner, K.W., *see* H. Baier 207 (1) (1998) 89–104
Walker, D., *see* X. Liu 206 (1–2) (1998) 127–162
Wan, P.-J., Conflict-Free channel set assignment for an optical cluster interconnection network based on rotator digraphs 207 (1) (1998) 193–201
Wang, B.-F., Simulating the CRCW PRAM on reconfigurable networks 205 (1–2) (1998) 231–242
Wang, H., On rational series and rational languages (*Note*) 205 (1–2) (1998) 329–336
Wang, J. and Y. Ge., An optimization problem in virtual endoscopy 207 (1) (1998) 203–216
Watanabe, O., *see* L.A. Hemaspaandra 205 (1–2) (1998) 317–327
Wegener, I., *see* B. Bollig 205 (1–2) (1998) 45–60
Wimmel, H., *see* L. Priese 206 (1–2) (1998) 219–256
Winsborough, W., *see* A. Cortesi 202 (1–2) (1998) 163–192
Wu, W., *see* X. Du 207 (1) (1998) 171–180
Xue, G., *see* G.-H. Lin 207 (1) (1998) 181–192
Xue, G., *see* C.J. Colbourn 209 (1–2) (1998) 331–345
Yamasaki, S. and Y. Kurose, Soundness of abductive proof procedure with respect to constraint for non-ground abducibles 206 (1–2) (1998) 257–281
Yokomori, T., *see* Y. Uemura 210 (2) (1999) 277–303
Yu, S., *see* K. Salomaa 207 (1) (1998) 73–88
Yu, C.-W., G.-H. Chen and T.-H. Ma, On the complexity of the k-chain subgraph cover problem 205 (1–2) (1998) 85–98
Zaks, S., *see* M. Golin 205 (1–2) (1998) 99–114
Zaroliagis, D., *see* S. Chaudhuri 203 (2) (1998) 205–223
Zimand, M., On the size of classes with weak membership properties 209 (1–2) (1998) 225–235